

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

☒ Conceptual Proposal ☐ Final Proposal Date 3-1-10

Contract ID 091120-503 Job No. J5P0648D

County Miller 54 Original Bid Cost 5,226,719.49

Contractor Emery Sapp & Sons By Matt Hawkins

Designed By Columbia Curb & Gutter Phone 573-474-6186

VECP# 10-12 (to be completed by C.O.) VECP ☒ or PDVECP ☐

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages
Propose using #8 deformed epoxy reinforcing steel as an equal alternative to 1" smooth round dowel's as detailed in the standard plans for permanent concrete traffic barrier. These bars will be epoxied into pavement

2. Estimate of reduction in construction costs. \$1,750.00

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.
None

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

3-1-10
(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

3-31-10
(date)

Price increase for steel
(effect)

6. Dates of any previous or concurrent submission of the same proposal.

11-11-09
(date and/or dates)

Additional Comments:

This value engineering proposal is in use on contract 090626-802, Greene Co.

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments:

I RECOMMEND APPROVAL OF THIS VALUE ENGINEERING PROPOSAL
BASED ON THE EQUAL DIAMETER OF REINFORCEMENT.

Joshua D. Kinnard Asst. R.E. 03/08/2010
Submitted By Resident Engineer Date

Comments:

Agree and support this VE proposal.

☒ Approval
Recommended
☐ Rejection
Recommended

Roger Schwartz
District Engineer 3/9/10
Date

Comments:

☐ Approval
Recommended
☐ Rejection
Recommended

Federal Highway Administration
Required for FHWA Full Oversight Projects

Date

Comments:

Agree with RE and District recommendations.

☒ Approval
☐ Rejection

David D. Green
State Construction and Materials Engineer 3-10-10
Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA
Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- X Misc. Permanent Concrete Traffic Barrier

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

Contractor is proposing to use #8 rebar in lieu of smooth dowel bars for permanent concrete traffic barrier.

This proposal is approved.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.
